

Release July 21, 1986

By DEC

Manana Gas, Inc.

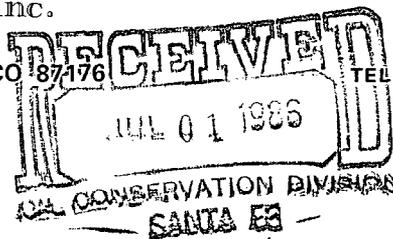
P.O. BOX 36990

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863

(505) 884-0814

ED HARTMAN, PRES.



June 28, 1986

Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Revised application for Nonstandard Location
Manana Gas, Inc.

Hartman #1-E, 1270' FNL, 790' FEL
A-22-29N-11W, San Juan County
Basin Dakota

NSL-2277
RULE-104 F(E)
320 Acre deeded
E1/2 Sect. 22.
Basin Dakota Pool

Gentlemen:

We hereby request a revised nonstandard location for a well to be drilled 1270 feet from the North line and 790 feet from the East line of Section 22, T29N, R11W, San Juan County, due to topographical conditions.

Any standard location in the North half of the Northeast quarter section would be located in an irrigated field or too close to residential housing and the Bloomfield High School Athletic Field.

This replaces our original April 8, 1986 application for this well location. We have moved the proposed location due to objections which had been raised by one of the off-set operators.

Copies of this application are being sent by certified mail to all offset operators of wells which are completed in the Dakota formation. The names and addresses of all these operators are shown on an attached sheet.

Also enclosed are the well location plat and an offset ownership plat.

If further information is needed, please contact us.

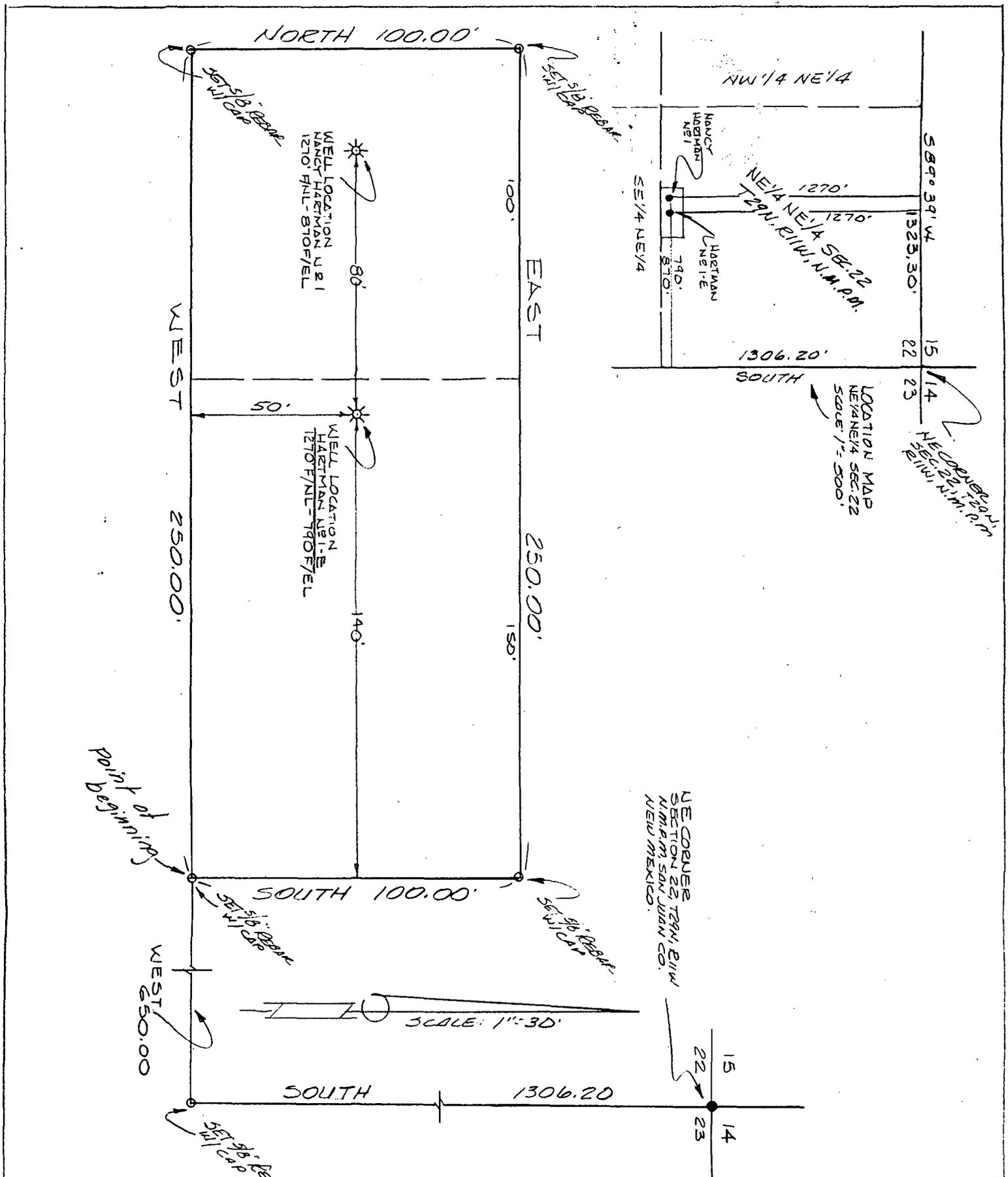
Yours very truly,

Ed Hartman

Ed Hartman
President, Manana Gas, Inc.

EMH: nh

Enclosures as stated



DESCRIPTION

0.57 ACRES, MORE OR LESS, LOCATED IN THE NORTHEAST QUARTER NORTHEAST QUARTER (NE1/4 NE1/4) OF SECTION 22, TOWNSHIP 29 NORTH, RANGE 11 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO, AND DESCRIBED AS FOLLOWS:
 BEGINNING AT A POINT WHICH IS 1306.20 FEET SOUTH AND 650.00 FEET WEST FROM THE NORTHEAST CORNER OF SAID SECTION 22;
 THENCE: WEST, 250.30 FEET;
 THENCE: NORTH, 100.00 FEET;
 THENCE: EAST, 250.00 FEET;
 THENCE: SOUTH, 100.00 FEET TO THE POINT OF BEGINNING.

NOTE:
 WELL LOCATION NANCY HARTMAN #1 IS 1270 FEET FROM NORTH LINE, 870 FEET FROM EAST LINE.
 WELL LOCATION HARTMAN #1-E IS 1270 FEET FROM NORTH LINE, 790 FEET FROM EAST LINE.
 BOTH WELLS ARE MORE THAN 400 FEET FROM THE NEAREST RESIDENCE.

CERTIFICATION

I, GEORGE R. TOMPKINS, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NEW MEXICO, CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL FIELD SURVEY AND THAT THE REPRESENTATIONS HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

GEORGE R. TOMPKINS
 NEW MEXICO REG. NO. 7259



TRACT SURVEY

MADIANA GAS INC
 0.57 ACRES, SITUATED IN THE NE1/4 NE1/4 OF SECTION 22, T29N, R11W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO.

SAN JUAN ENGINEERS
 309 SAN JUAN COUNTY ADMINISTRATION BLDG. 87402

SCALE	DATE	FOR	BY
AS SHOWN	6-25-86	TRACT SURVEY	STJ
REVISION			
1			

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

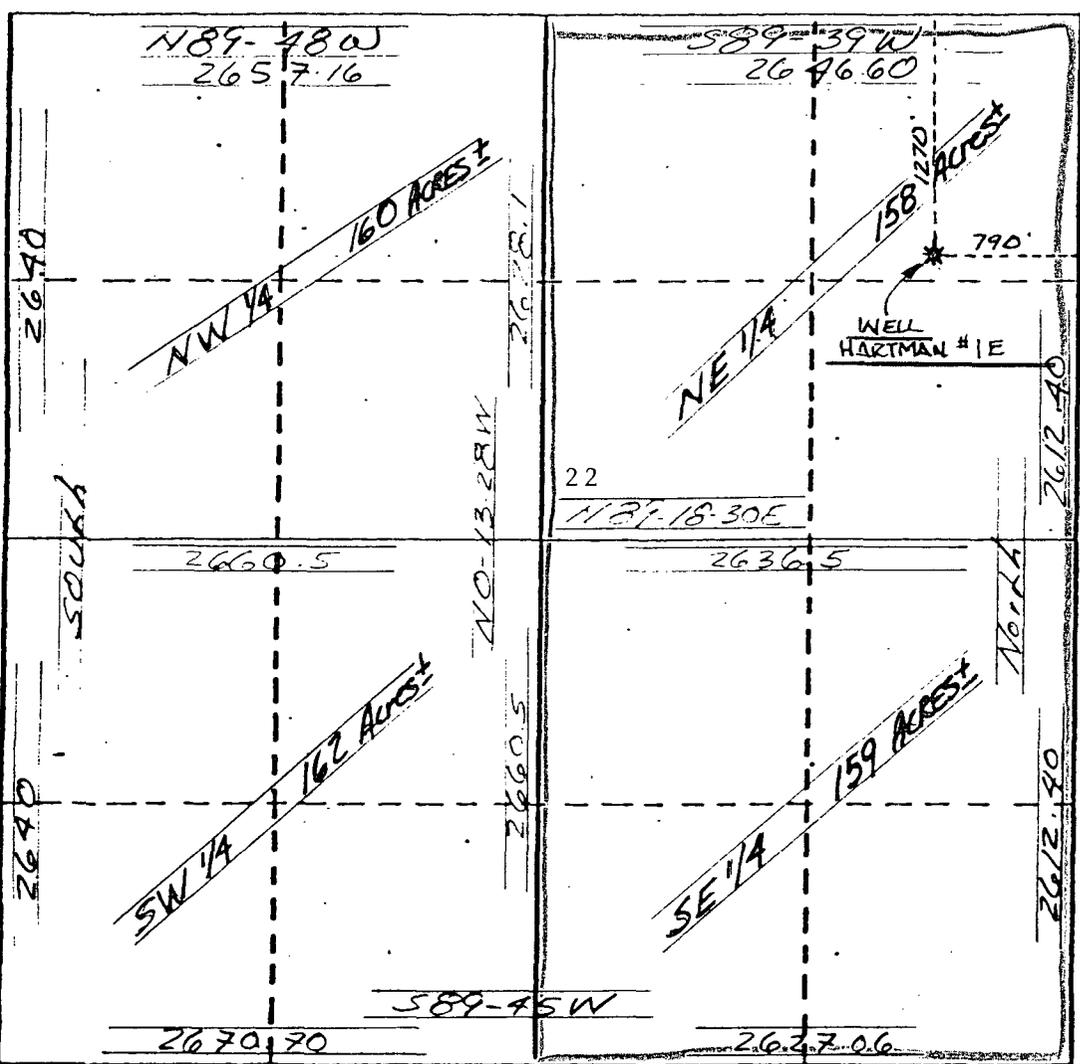
Operator MAÑANA GAS INC.		Lease HARTMAN			Well No. 1E
Unit Letter A	Section 22	Township 29. NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 1270 feet from the NORTH line and 790 feet from the EAST line					
Ground Level Elev. 5485	Producing Formation		Pool	Dedicated Acreages Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

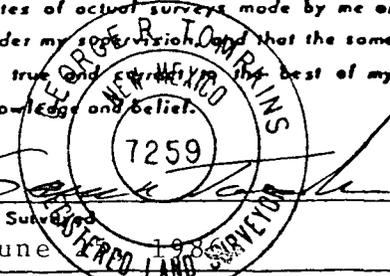


CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____
Position _____
Company _____
Date _____

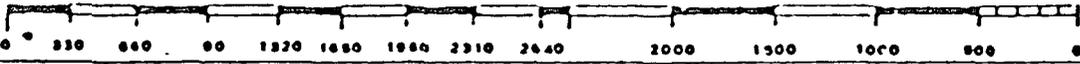
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed June 19 _____
Registered Professional Engineer and/or Land Surveyor

George R. Tompkins

Certificate No. 7259



NO. OF COPIES RECEIVED	
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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work

DRILL

DEEPEEN

PLUG BACK

2. Type of Well

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

Name of Operator

Manana Gas, Inc.

Address of Operator

P.O. Box 36990, Albuquerque, N.M. 87176

Location of Well

UNIT LETTER A LOCATED 1230 FEET FROM THE North LINE

55 FEET FROM THE East LINE OF SEC. 22 TWP. 29N RGE. 11W NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Hartman

9. Well No.

1-E

10. Field and Pool, or Wildcat

Basin Dakota

12. County

San Juan

19. Proposed Depth

6500

19A. Formation

Dakota

20. Rotary or C.T.

Rotary

Elevations (Show whether DF, RT, etc.)

5470 GL

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

22. Approx. Date Work will start

5/15/86

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	200	150	Surface
7 7/8"	4 1/2"	10.5#	6500	600	1600'

Manana Gas, Inc. will drill a 6500 ft. Dakota test with rotary tools. Mechanical logs will be run at TD. The Dakota formation will be selectively perforated and hydro-fraced. A 10" 3000 psi BOP with blind and pipe rams will be operational at all times while drilling. A 6" 3000 psi double gate manual BOP will be utilized for completion.

This is an infill Dakota well and the gas is dedicated under the original gas contract with El Paso Natural Gas Company.

DV cementing tools will be set at the base of the Point Lookout sandstone and at the base of the Pictured Cliffs sandstone for a 3 stage cement job as follows:
TD - 5350 with 250 sax - 4400" - 3200" with 260 sax - 1900" - 1600" with 65 sax

BOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

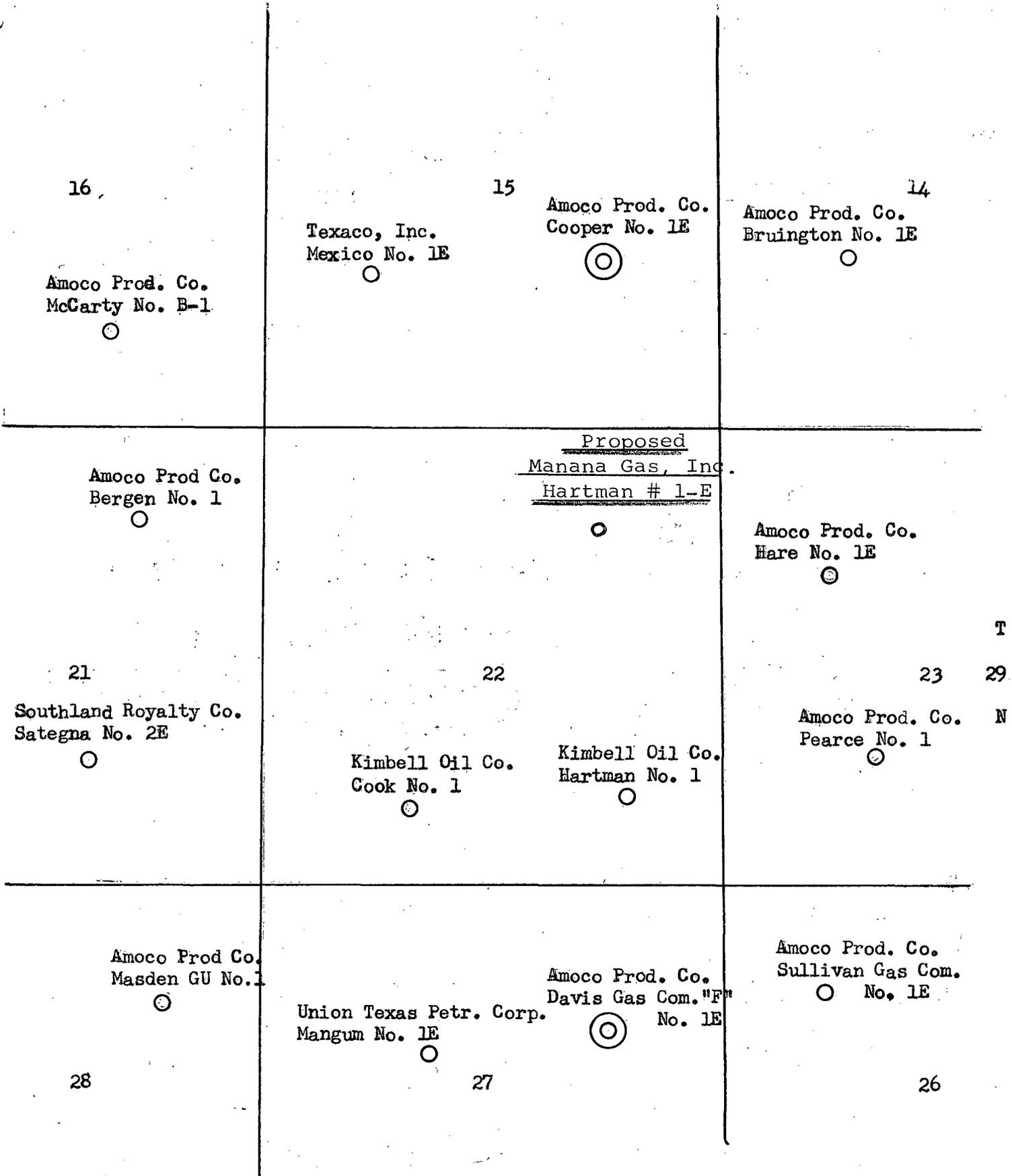
by certify that the information above is true and complete to the best of my knowledge and belief.

ed Ed Hartman Title President Date _____

(This space for State Use)

ROVED BY _____ TITLE _____ DATE _____

DITIONS OF APPROVAL, IF ANY:



LOCATION MAP OF DAKOTA FORMATION WELLS

- Dakota Well
- ⊙ Dakota-Chacra Dual Well

OPERATORS OF WELLS COMPLETED IN THE DAKOTA FORMATION

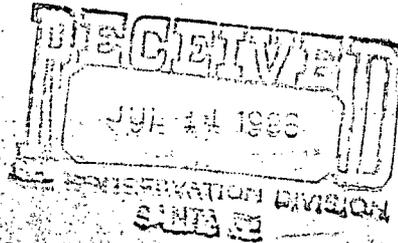
Amoco Production Company ✓
Western Division
Amoco Building
1670 Broadway
Denver, Colorado 80202

Kimbell Oil Company of Texas ✓
P.O. Box 1097
Farmington, N.M. 87499

Union Texas Petroleum Corporation ✓
375 U.S. Highway 64
Farmington, New Mexico 87401

Southland Royalty Co.
Drawer 4289
Farmington, New Mexico 87499

Texaco, Inc. (Getty) ✓
P.O. Box 2100
Denver, Colorado 80201



Amoco Production Company

Denver Region
1670 Broadway
P.O. Box 800
Denver, Colorado 80201
303-830-4040

R. J. Criswell
Division Production Manager

July 10, 1986

New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

File: JTM-145-400

Proposed Non-Standard Locations

Manana Gas, Inc

Hartman #1E; 1270' FNL, 790' FEL, Section 22-T29N-R11W

Nancy Hartman #1; 1270' FNL, 870' FEL, Section 22-T29N-R11W

San Juan County, New Mexico

Amoco Production Company, as an offset operator to Manana's proposed locations, has no objections to those locations as shown in Manana's applications for non-standard location dated June 28, 1986, and repeated in the subject heading of this letter.

R. J. Criswell Jm

SEM:pjg

cc: Ed Hartman
Manana Gas, Incorporated
Post Office Box 36990
Albuquerque, New Mexico 87176

Ed Hartman

P. O. BOX 36990

ALBUQUERQUE, NEW MEXICO 87176

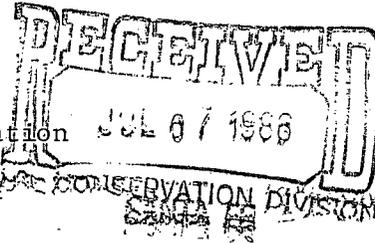
TELE: (505) 884-4863

(505) 884-0814

REALTOR
CERTIFIED PUBLIC ACCOUNTANT
MANANA GAS, INC.
PRESIDENT

June 28, 1986

Union Texas Petroleum Corporation
375 U.S. High 64
Farmington, New Mexico 87401



Re: Proposed Nonstandard Location
Manana Gas, Inc.
Hartman #1-E
A-22-29N-11W

Gentlemen:

Enclosed is a revised application for a nonstandard location for the subject well to be located 1270' FNL and 790' FEL of Section 22, T29N-11W, San Juan County, New Mexico.

This replaces our original April 8, 1986 application for this well location. We have moved the proposed location due to objections which had been raised by one of the off-set operators.

If this new location meets with your approval, please execute one copy of the waiver below and forward it to the New Mexico Oil Conservation Division.

Your early attention to this revised application would be very much appreciated since we have had an abnormal delay in getting this well started.

Yours very truly,

A handwritten signature in cursive script that reads "Ed Hartman".

Ed Hartman
President, Manana Gas, Inc.

EMH:nh

Enclosure

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

We, as an offset operator, do hereby waive objection to the above revised application.

Operator UNION TEXAS PETROLEUM
By W K Cooper
Title DISTRICT PRODUCTION MANAGER
Date 7/2/86

Ed Hartman

P. O. BOX 36990

ALBUQUERQUE, NEW MEXICO 87176

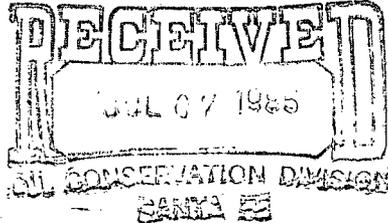
TELE: (505) 884-4863
(505) 884-0814

REALTOR
CERTIFIED PUBLIC ACCOUNTANT
MANANA GAS, INC.
PRESIDENT

June 28, 1986

Kimbell Oil Company of Texas
P.O. Box 1097
Farmington, N.M. 87499

Re: Proposed Nonstandard Location
Manana Gas, Inc.
Hartman #1-E
A-22-29N-11W



Gentlemen:

Enclosed is a revised application for a nonstandard location for the subject well to be located 1270' FNL and 790' FEL of Section 22, T29N-11W, San Juan County, New Mexico.

This replaces our original April 8, 1986 application for this well location. We have moved the proposed location due to objections which had been raised by one of the offset operators.

If this new location meets with your approval, please execute one copy of the waiver below and forward it to the New Mexico Oil Conservation Division.

Your early attention to this revised application would be very much appreciated since we have had an abnormal delay in getting this well started.

Yours very truly,

Ed Hartman

Ed Hartman
President, Manana Gas, Inc.

EMH:nh

Enclosure

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501



We, as an offset operator, do hereby waive objection to the above revised application.

Operator Kimbell Oil Company of Texas

By *E. A. Clement*

Title E. A. Clement, Prod. Supt.

Date July 1, 1986

Manana Gas, Inc.

P. O. BOX 36990

ED HARTMAN, PRES.

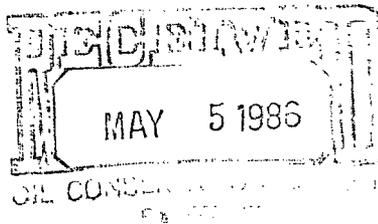
ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863

(505) 884-0814

April 8, 1986

Texaco Inc. (Getty)
P.O. Box 3360
Casper, Wyoming 82602-3360



Re: Proposed Nonstandard Location
Manana Gas, Inc.
Hartman #1-E
A-22-29N-11W

Gentlemen:

Enclosed is an application for nonstandard location for the subject well to be located 1230'FNL and 55'FEL of Section 22, T29N-R11W, San Juan County, New Mexico.

Please execute one copy of the waiver below and forward it to the New Mexico Oil Conservation Division if you have no objection to this application.

If you desire further information, please contact us.

Yours very truly,

Ed Hartman
President, Manana Gas, Inc.

EMH:nh

Enclosure

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

We, as an offset operator, do hereby waive objection to the above application.

Operator TEXACO INC.
By J. A. Schell
Title Manager - Operations
Date May 2, 1986

REALTOR
CERTIFIED PUBLIC ACCOUNTANT
MANANA GAS, INC.
PRESIDENT

June 28, 1986

Texaco, Inc. (Getty)
P.O. Box 2100
Denver, Colorado 80201

Ed Hartman
P. O. BOX 36990
ALBUQUERQUE, NEW MEXICO 87176

JUL 25 1986

Oil Conservation Division
SANTA FE

2277

TELE: (505) 884-4863
(505) 884-0814

Re: Proposed Nonstandard Location
Manana Gas, Inc.
Hartman #1-E
A-22-29N-11W

Gentlemen:

Enclosed is a revised application for a nonstandard location for the subject well to be located 1270' FNL and 790' FEL of Section 22, T29N-11W, San Juan County, New Mexico.

This replaces our original April 8, 1986 application for this well location. We have moved the proposed location due to objections which had been raised by one of the offset operators.

If this new location meets with your approval, please execute one copy of the waiver below and forward it to the New Mexico Oil Conservation Division.

Your early attention to this revised application would be very much appreciated since we have had an abnormal delay in getting this well started.

Yours very truly,

Ed Hartman

Ed Hartman
President, Manana Gas, Inc.

EMH:nh

Enclosure

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

We, as an offset operator, do hereby waive objection to the above revised application.

Operator Texaco Inc.
By *Red Schell*
Title Manager - Operations
Date July 21, 1986

Ed Hartman

P. O. BOX 36990

ALBUQUERQUE, NEW MEXICO 87176

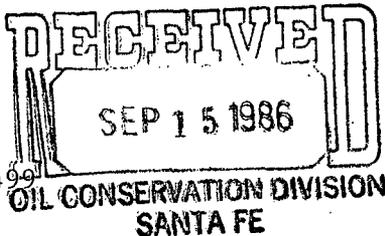
TELE: (505) 884-4863

(505) 884-0814

REALTOR
CERTIFIED PUBLIC ACCOUNTANT
MANANA GAS, INC.
PRESIDENT

June 28, 1986

Southland Royalty Co.
Drawer 4289
Farmington, N.M. 87469



NSL - 2277

Re: Proposed Nonstandard Location
Manana Gas, Inc.
Hartman #1-E
A-22-29N-11W

Gentlemen:

Enclosed is a revised application for a nonstandard location for the subject well to be located 1270' FNL and 790' FEL of Section 22, T29N-11W, San Juan County, New Mexico.

This replaces our original April 8, 1986 application for this well location. We have moved the proposed location due to objections which had been raised by one of the offset operators.

If this new location meets with your approval, please execute one copy of the waiver below and forward it to the New Mexico Oil Conservation Division.

Your early attention to this revised application would be very much appreciated since we have had an abnormal delay in getting this well started.

Yours very truly,

Ed Hartman

Ed Hartman
President, Manana Gas, Inc.

EMH:nh

Enclosure

→ Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

We, as an offset operator, do hereby waive objection to the above revised application.

Operator Meridian Oil Inc.
By D.P. Harris
Title Prod. Engineer
Date 9/12/86

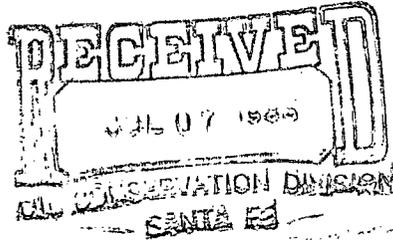


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT-OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501



DATE 7-2-86

- RE: Proposed MC _____
- Proposed DHC _____
- Proposed NSL X _____
- Proposed SWD _____
- Proposed WFX _____
- Proposed PMX _____

Gentlemen:

I have examined the application dated 7-1-86
 for the Manana Gas, Inc. Hartman #1E A-22-29W-11W
 Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Ed Bavel